

PRESENTATION OF CLAIMS

The claims are pending as follows. No claim amendment is introduced via this response.

1. - 30. (Canceled)

31. (Previously Presented) A method, comprising:

sending a request for group establishment from one user equipment acting as a master user equipment to at least one slave user equipment over a first communications network;
receiving from the at least one slave user equipment a response comprising information on a user for group establishment, over the first communications network;
creating, by the master user equipment, the group based on the information received in responses from the at least one slave user equipment, the group comprising the master user equipment and the at least one slave user equipment;
sending, by the master user equipment, the information on the created group to a group management server in a second communications network; and
establishing the group communication in the second communication network.

32. (Previously Presented) A method, comprising:

sending a request for group establishment from a master user equipment to at least one slave user equipment over a first communications network;
receiving from the at least one slave user equipment over the first communications network a response comprising information on a user for group establishment;

creating, by the master user equipment, the group based on the information received in responses from the at least one slave user equipment, the group comprising the master user equipment and the at least one slave user equipment; and establishing the group communication in the second communication network.

33. (Previously Presented) The method according to claim 31, wherein at least one of the request or the response is a multicast request, a point-to-point request, a short message request, an instant message request, an e-mail message request, a multimedia message request, a unified messaging message request, a wireless application protocol message request, or an session initiation protocol message request.

34. (Previously Presented) The method according to claim 31, further comprising, in creating or modifying the group, checking, by the master user equipment, the response from slave user equipment and if the information of the slave user equipment is acceptable, adding the slave user equipment to the group.

35. (Previously Presented) The method according to claim 31, wherein the request comprises a file which guides the user of the slave user equipment to send only the information needed to establish the group to the master user equipment.

36. (Previously Presented) The method according to claim 31, wherein the request comprises a file which guides the slave user equipment to send only the information needed to establish the group to the master user equipment.

37. (Previously Presented) The method according to claim 31, further comprising retrieving, by the master user equipment, a file for the request from at least one of the first communication network, and the second communication network, from its memory, or from the slave user equipment.

38. (Previously Presented) The method according to claim 31, further comprising retrieving, by the master user equipment, a file for the request.

39. (Previously Presented) The method according to claim 31, wherein the first communication network is a circuit switched network, a packet switched network, a wireless local area network, an infrared data association network, a Bluetooth medium, or a network according to the Institute of Electrical and Electronics Engineers 802.11 standards.

40. (Previously Presented) The method according to claim 31, wherein the second communications network is a digital mobile communications network, a circuit switched network, or a packet switched network.

41. (Previously Presented) The method according to claim 31, further comprising: before sending the request from the master user equipment to at least one slave user equipment, selecting, by the master user equipment, an identification to be used in the information interchange.

42. (Previously Presented) The method according to claim 31, further comprising sending the request by using multicasting.

43. (Previously Presented) The method according to claim 31, further comprising sending the request by using broadcasting.

44. (Previously Presented) The method according to claim 41, wherein the identification is an mobile station integrated services digital network number.

45. (Previously Presented) The method according to claim 31, further comprising sending, by the master user equipment, the request automatically when new user equipment enters a predetermined area.

46. (Previously Presented) The method according to claim 45, further comprising: detecting entrance of a client or new user equipment into the predetermined area; and sending the request over the first communications network at least in the proximity of the entrance point.

47. (Previously Presented) The method according to claim 45, further comprising: sending the request periodically over the first communication network at least in the proximity of the entrance point to the predetermined area.

48. (Previously Presented) The method according to claim 31, further comprising deleting, by the master user equipment, user equipment from a group when the user equipment exits a predetermined area or after a predetermined period of time has elapsed.

49. (Previously Presented) The method according to claim 48, further comprising:

detecting exit of a client or user equipment from the predetermined area;
sending an identification request over the first communication network at least in the proximity of the exit point; and
deleting a group member from the group on the basis of a response to the identification request, if any.

50. (Previously Presented) The method according to claim 31, further comprising sending, by the master user equipment or another device provided with the group information, advertisements to the group members over the second communications network.

51. (Previously Presented) An apparatus, comprising:
means for sending a request for group establishment to at least one slave user equipment over a first communications network;
means for receiving from at least one slave user equipment over the first communications network a response comprising information on user for group establishment;
means for creating the group based on the information received in responses from the at least one slave user equipment;
means for sending the information on the created group to a group management server in a second communications network; and
means for establishing the group communication in the second communication network.

52. (Previously Presented) An apparatus, comprising:
means for sending a request for group establishment to at least one slave user equipment over a first communications network;

means for receiving from at least one slave user equipment over the first communications network a response comprising information on a user for group establishment; means for creating the group based on the information received in responses from the at least one slave user equipment; and means for sending the information on the created group to all members of the group via the first communications network; and means for establishing the group communication in the second communication network.

53. (Previously Presented) The apparatus according to claim 51, wherein the first communication network includes a circuit switched network, a packet switched network, a wireless local area network, an infrared data association network, a Bluetooth medium, or a network according to the Institute of Electrical and Electronics Engineers 802.11 standards.

54. (Previously Presented) The apparatus according to claim 51, wherein the first communication network is a digital mobile communications network, a circuit switched network, a packet switched network, a wireless local area network, an infrared data association network, a Bluetooth network, or a network according to the Institute of Electrical and Electronics Engineers 802.11 standards.

55-60. (Canceled)

61. (Previously Presented) The method according to claim 31, further comprising: modifying the group based on the information received in responses from the at least one slave user equipment; and

sending, by the master user equipment, information on the modified group to the second communications network.

62. (Previously Presented) An apparatus, comprising:

a first transceiver configured to send a request for group establishment to at least one slave user equipment over a first communications network;

a receiver configured to receive from at least one slave user equipment over the first communications network a response comprising information on user for group establishment;

a grouping unit configured to create the group based on the information received in responses from the at least one slave user equipment; and

a second transceiver configured to send the information on the created group to a group management server in a second communications network

wherein the apparatus is configured to establish the group communication in the second communication network.

63. (Previously Presented) An apparatus, comprising:

a first transceiver configured to send a request for group establishment to at least one slave user equipment over a first communications network;

a receiver configured to receive from at least one slave user equipment over the first communications network a response comprising information on a user for group establishment;

a grouping unit configured to create the group based on the information received in responses from the at least one slave user equipment; and

a second transceiver configured to send the information on the created group to all members of the group via the first communications network

wherein the apparatus is configured to establish the group communication in the second communication network.

64. (Previously Presented) A computer program embodied on a computer readable medium for controlling a computer to perform a method, the method comprising:

sending a request for group establishment from one user equipment acting as a master user equipment to at least one slave user equipment over a first communications network;

receiving from the at least one slave user equipment a response comprising information on a user for group establishment, over the first communications network;

creating, by the master user equipment, the group based on the information received in responses from the at least one slave user equipment, the group comprising the master user equipment and the at least one slave user equipment; and

sending, by the master user equipment, the information on the created group to a group management server in a second communications network; and

establishing the group communication in the second communication network.

65. (Previously Presented) The computer program according to claim 64, wherein at least one of the request or the response is a multicast request, a point-to-point request, a short message request, an instant message request, an e-mail message request, a multimedia message request, a unified messaging message request, a wireless application protocol message request, or an session initiation protocol message request.

66. (Previously Presented) The computer program according to claim 64, wherein the first communications network is a circuit switched network, a packet switched network, a wireless local area network, an infrared data association network, a Bluetooth medium, or a network according to the Institute of Electrical and Electronics Engineers 802.11 standards.

67. (Previously Presented) The computer program according to claim 64, wherein the second communications network is a digital mobile communications network, a circuit switched network, or a packet switched network.

68. (Previously Presented) The computer program according to claim 64, wherein the method further comprises sending the request by using multicasting.

69. (Previously Presented) The computer program according to claim 64, wherein the method further comprises sending the request by using broadcasting.

70. (Previously Presented) The computer program according to claim 64, wherein the method further comprises sending, by the master user equipment, the request automatically when new user equipment enters a predetermined area.

71. (Previously Presented) The computer program according to claim 70, wherein the method further comprises:

sending the request periodically over the first communications network at least in the proximity of the entrance point to the predetermined area.

72. (Previously Presented) The computer program according to claim 64, wherein the method further comprises deleting, by the master user equipment, user equipment from a group when the user equipment exits a predetermined area or after a predetermined period of time has elapsed.

73. (Previously Presented) The computer program according to claim 64, wherein the method further comprises sending, by the master user equipment or another device provided with the group information, advertisements to the group members over the second communications network.

74. (Previously Presented) The method of claim 31, wherein the group management server is for one of presence and instant messaging.

75. (Previously Presented) The apparatus of claim 62, wherein the group management server is for one of presence and instant messaging.

76. (Previously Presented) The apparatus of claim 62, wherein the first communications network includes a circuit switched network, a packet switched network, a wireless local area network, an infrared data association network, a Bluetooth medium, or a network according to the Institute of Electrical and Electronics Engineers 802.11 standards.

77. (Previously Presented) The apparatus of claim 62, wherein the second communications network is a digital mobile communications network, a circuit switched network, or a packet switched network.